

1 **PIGMENTED SEALER**
2 **March 13, 1995**

3 **Description**

4 This work consists of applying pigmented sealer to the concrete surfaces designated
5 in the Plans.

6
7 **Materials**

8 The pigmented sealer shall be semi-opaque colored toner containing only methyl
9 methacrylate-ethyl acrylate copolymer resins, toning pigments suspended in solution
10 at all times by a chemical suspension agent, and solvent. Use only laminar silicates,
11 titanium dioxide and inorganic oxides for toning pigments. There shall be no settling
12 or color variation. Use of vegetable or marine oils, paraffin materials, stearates or
13 organic pigments in any part of coating formulation will not be permitted.

14
15 The color shall match the color chip Washington Gray (Revised) which is available at
16 the Materials Laboratory office in Tumwater, WA. A special color may be required to
17 match adjacent work. The Contractor shall submit a color chip and a wet sample for
18 approval.

19
20 The pigmented sealer shall be one of the following or an approved equal:

- 21
22 1. Canyon Tone Stain as manufactured by United Coating, East 19011
23 Cataldo, Greenacres, WA 99016, 1-800-736-2047.
24
25 2. Acry Stain as manufactured by Columbia Paint Co., N. 112 Haven,
26 Spokane, WA 99201, (509) 535-2421.
27
28 3. Conformal Stain as manufactured by Chemprobe Corporation, 2637
29 National Circle, Garland, Texas 75041, (206) 762-5755.
30
31 4. Millers Pigmented Acrylic Stain and Sealer for Concrete Surfaces, as
32 manufactured by Miller Paint Co., 12730 N.E. Whitaker, Portland, OR
33 97230, (503) 255-0190.
34

35 **Construction Requirements**

36 All surfaces to be sealed shall be finished in accordance with Section 6-02.3(14) and
37 shall receive a light brush sandblasting in order that complete neutralization of the
38 surface and subsequent penetration of the pigmented sealer is achieved. Any curing
39 agents or form release agents shall be removed. The surface shall be dry, clean and
40 prepared in accordance with manufacturer's written instructions. The Contractor
41 shall submit four copies of the manufacturer's written instructions.

42
43 The pigmented sealer shall be spray applied in accordance with the manufacturer's
44 written instructions for application, qualification of applicator, rate of application, and
45 number of coats to apply. Sealer shall be applied only when the air temperature is at
46 or above 10 degrees Celsius. It shall not be applied upon damp surfaces, nor shall it
47 be applied when the air is misty, or otherwise unsatisfactory for the work, in the
48 opinion of the manufacturer or the Engineer. The final appearance shall have an
49 even and uniform color acceptable to the Engineer.

50
51 For concrete surfaces such as columns, retaining walls and abutments, the
52 pigmented sealer shall extend to 300 millimeters below ground line.
53

54 **Payment**

55 All costs for furnishing and applying the pigmented sealer as specified shall be
56 included in the unit contract price per cubic meter for the various classes of concrete

- 1 involved. If the concrete is to be paid for other than by class of concrete, all costs for
- 2 furnishing and applying the pigmented sealer as specified shall be included in the
- 3 unit contract price for the applicable item or items of work.